



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
245 PEACHTREE CENTER AVENUE N.E., SUITE 1200
ATLANTA, GEORGIA 30303-1200

August 27, 2019

Mr. Daniel Stoddard
Senior Vice President and
Chief Nuclear Officer
Innsbrook Technical Center
5000 Dominion Blvd.
Glen Allen, VA 23060-6711

SUBJECT: UPDATED INSPECTION PLAN FOR SURRY POWER STATION UNITS 1
AND 2, NRC REPORT 05000280/2019005 AND 05000281/2019005

Dear Mr. Stoddard:

The enclosed inspection plan lists the inspections scheduled through June 30, 2021 for Surry Power Station, Units 1 and 2. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. Routine inspections performed by resident inspectors are not included in the inspection plan. You should be aware that the agency is pursuing potential changes to the ROP, including changes to engineering inspections (SECY-18-0113, "Recommendations for Modifying the Reactor Oversight Process Engineering Inspections"), and other changes to the baseline inspection program described in SECY-19-0067, "Recommendations for Enhancing the Reactor Oversight Process." Should these changes to the ROP be implemented, the engineering and other region-based inspections are subject to change in scope, as well as schedule, beginning in January 2020. The inspections listed during the last twelve months of the inspection plan are tentative and may be revised. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact me at 404-997-4428 with any questions you have regarding this letter.

Sincerely,

/RA/

Bradley J. Davis, Chief
Reactor Projects Branch 4
Division of Reactor Projects

Docket Nos.: 50-280, 50-281
License Nos.: DPR-32, DPR-37

Enclosure(s):
Inspection Plan

cc: Distribution via ListServ

SUBJECT: UPDATED INSPECTION PLAN FOR SURRY POWER STATION UNITS 1 AND 2,
NRC REPORT 05000280/2019005 AND 05000281/2019005

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ROPassessment Resource

ADAMS Accession Number: ML19239A007

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|--------|-----------|-----------|-----------|--|--|--|
| OFFICE | RII:DRP | RII:DRP | RII:DRP | | | |
| NAME | JDodson | DJackson | BDavis | | | |
| DATE | 8/22/2019 | 8/22/2019 | 8/22/2019 | | | |

OFFICIAL AGENCY RECORD

IP 22 Inspection Activity Plan Report

Surry

09/01/2019 - 06/30/2021

| Unit | Start | End | Activity | CAC | Title | Staff Count |
|--|------------|------------|--------------|--------|---|-------------|
| RP PUBLIC RAD SAFETY BASELINE INSPECTION | | | | | | 2 |
| 1, 2 | 09/16/2019 | 09/20/2019 | IP 71124.06 | 000730 | Radioactive Gaseous and Liquid Effluent Treatment | |
| 1, 2 | 09/16/2019 | 09/20/2019 | IP 71124.07 | 000731 | Radiological Environmental Monitoring Program | |
| SECURITY BASELINE INSPECTION | | | | | | 3 |
| 1, 2 | 09/23/2019 | 09/27/2019 | IP 71130.05 | 000737 | Protective Strategy Evaluation | |
| UNIT 1 IN-SERVICE INSPECTION +SG | | | | | | 1 |
| 1 | 10/28/2019 | 11/01/2019 | IP 71111.08P | 000702 | Inservice Inspection Activities (PWR) | |
| RP OCCUPATIONAL RAD SAFETY RAD HAZARDS & TRANSPORTATION BASELINE INSPECTION | | | | | | 2 |
| 1, 2 | 10/28/2019 | 11/01/2019 | IP 71124.01 | 000725 | Radiological Hazard Assessment and Exposure Controls | |
| 1, 2 | 10/28/2019 | 11/01/2019 | IP 71124.08 | 000732 | Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation | |
| SECURITY BASELINE INSPECTION | | | | | | 1 |
| 1, 2 | 03/16/2020 | 03/20/2020 | IP 71130.02 | 000734 | Access Control | |
| 1, 2 | 03/16/2020 | 03/20/2020 | IP 71151 | 001338 | Performance Indicator Verification | |
| UNIT 2 IN-SERVICE INSPECTION +SG | | | | | | 2 |
| 2 | 05/04/2020 | 05/08/2020 | IP 71111.08P | 000702 | Inservice Inspection Activities (PWR) | |
| RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION | | | | | | 3 |
| 1, 2 | 05/11/2020 | 05/15/2020 | IP 71124.01 | 000725 | Radiological Hazard Assessment and Exposure Controls | |
| 1, 2 | 05/11/2020 | 05/15/2020 | IP 71124.02 | 000726 | Occupational ALARA Planning and Controls | |
| 1, 2 | 05/11/2020 | 05/15/2020 | IP 71124.03 | 000727 | In-Plant Airborne Radioactivity Control and Mitigation | |
| 1, 2 | 05/11/2020 | 05/15/2020 | IP 71124.04 | 000728 | Occupational Dose Assessment | |
| 1, 2 | 05/11/2020 | 05/15/2020 | IP 71124.05 | 000729 | Radiation Monitoring Instrumentation | |
| 1, 2 | 06/22/2020 | 06/26/2020 | IP 71124.01 | 000725 | Radiological Hazard Assessment and Exposure Controls | |
| 1, 2 | 06/22/2020 | 06/26/2020 | IP 71124.02 | 000726 | Occupational ALARA Planning and Controls | |
| 1, 2 | 06/22/2020 | 06/26/2020 | IP 71124.03 | 000727 | In-Plant Airborne Radioactivity Control and Mitigation | |
| 1, 2 | 06/22/2020 | 06/26/2020 | IP 71124.04 | 000728 | Occupational Dose Assessment | |
| 1, 2 | 06/22/2020 | 06/26/2020 | IP 71124.05 | 000729 | Radiation Monitoring Instrumentation | |
| EMERGENCY PREPAREDNESS PROGRAM INSPECTION | | | | | | 2 |
| 1, 2 | 06/22/2020 | 06/26/2020 | IP 71114.02 | 000717 | Alert and Notification System Testing | |

This report does not include INPO and OUTAGE activities.
This report shows only on-site and announced inspection procedures.

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Enclosure

IP 22 Inspection Activity Plan Report

Surry

09/01/2019 - 06/30/2021

| Unit | Start | End | Activity | CAC | Title | Staff Count |
|---|------------|------------|--------------|--------|---|-------------|
| EMERGENCY PREPAREDNESS PROGRAM INSPECTION | | | | | | 2 |
| 1, 2 | 06/22/2020 | 06/26/2020 | IP 71114.03 | 000718 | Emergency Response Organization Staffing and Augmentation System | |
| 1, 2 | 06/22/2020 | 06/26/2020 | IP 71114.04 | 000719 | Emergency Action Level and Emergency Plan Changes | |
| 1, 2 | 06/22/2020 | 06/26/2020 | IP 71114.05 | 000720 | Maintenance of Emergency Preparedness | |
| 1, 2 | 06/22/2020 | 06/26/2020 | IP 71151 | 001397 | Performance Indicator Verification | |
| PROBLEM IDENTIFICATION AND RESOLUTION INSPECTION | | | | | | 4 |
| 1, 2 | 07/13/2020 | 07/17/2020 | IP 71152B | 000747 | Problem Identification and Resolution | |
| 1, 2 | 07/27/2020 | 07/31/2020 | IP 71152B | 000747 | Problem Identification and Resolution | |
| TRIENNIAL HEAT SINK PERFORMANCE | | | | | | 1 |
| 1, 2 | 08/10/2020 | 08/14/2020 | IP 71111.07T | 000700 | Heat Sink Performance | |
| DESIGN BASES ASSURANCE INSPECTION (TEAM) | | | | | | 6 |
| 1, 2 | 09/14/2020 | 09/18/2020 | IP 71111.21M | 000713 | Design Bases Assurance Inspection (Teams) | |
| 1, 2 | 09/28/2020 | 10/02/2020 | IP 71111.21M | 000713 | Design Bases Assurance Inspection (Teams) | |
| CORPORATE OFFICE AA/FFD INSPECTION | | | | | | 2 |
| 1, 2 | 01/11/2021 | 01/15/2021 | IP 71130.01 | 000733 | Access Authorization | |
| 1, 2 | 01/11/2021 | 01/15/2021 | IP 71130.08 | 000740 | Fitness For Duty Program | |
| SURRY REQUAL INSPECTION | | | | | | 2 |
| 1, 2 | 01/25/2021 | 01/29/2021 | IP 71111.11B | 000704 | Licensed Operator Requalification Program and Licensed Operator Performance | |
| SECURITY BASELINE INSPECTION | | | | | | 2 |
| 1, 2 | 02/01/2021 | 02/05/2021 | IP 71130.01 | 000733 | Access Authorization | |
| 1, 2 | 02/01/2021 | 02/05/2021 | IP 71130.02 | 000734 | Access Control | |
| 1, 2 | 02/01/2021 | 02/05/2021 | IP 71130.08 | 000740 | Fitness For Duty Program | |
| 1, 2 | 02/01/2021 | 02/05/2021 | IP 71151 | 001338 | Performance Indicator Verification | |
| UNIT 1 IN-SERVICE INSPECTION +SG | | | | | | 2 |
| 1 | 04/26/2021 | 04/30/2021 | IP 71111.08P | 000702 | Inservice Inspection Activities (PWR) | |
| SECURITY BASELINE INSPECTION | | | | | | 2 |
| 1, 2 | 05/24/2021 | 05/28/2021 | IP 71130.04 | 000736 | Equipment Performance, Testing, and Maintenance | |
| 1, 2 | 05/24/2021 | 05/28/2021 | IP 71130.07 | 000739 | Security Training | |
| 1, 2 | 05/24/2021 | 05/28/2021 | IP 81311 | 000831 | Physical Security Requirements for Independent Spent Fuel Storage Installations | |

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